

FILE COPY

Date Out EFB: APR 16 1982

To: Product Manager 21 Jacoby  
TS-767

From: Dr. Willa Garner <sup>ill</sup>  
Chief, Review Section No. 1  
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 2204-EN

Chemical: Chlorothalonil

Type Product: Antifouling paint

Product Name: Nopcocide

Company Name: Diamond Shamrock

Submission Purpose: Use in formulation of Antifouling and  
antimildew paints.

ZBB Code: 3(c) (F)

ACTION CODE: 160

Date in: 4/6/82

EFB # 268

Date Completed: APR 16 1982

TAIS (level II) Days

Deferrals To:

62

1

Ecological Effects Branch

Residue Chemistry Branch

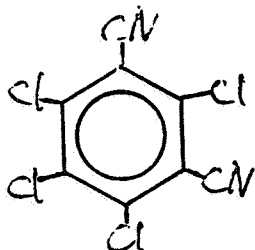
Toxicology Branch

## 1.0 Introduction

Chemical Name and Type Pesticide: Chlorothalonil, tetrachloroisophthalonitrile, 96% ai., formulation of antimildew and antifouling paints.

Trade Name: Nopcocide

Chemical Structure:



The registrant is applying for registration of Nopcocide for use in formulating antimildew and antifouling paints.

## 2.0 Directions for Use

See the attached label.

## 3.0 Discussion of Data

No new data submitted.

## 4.0 Recommendation

EFB's file on chlorothalonil does not show data that are required for a technical or formulating use products.

The data requirements for this use depend upon whether there is an aquatic impact use in the form of a direct or indirect discharge. If there is direct discharge into a body of water, or man-made aquatic facility that leads to a natural aquatic environment, the following studies are required:

1. Aerobic Aquatic Metabolism
2. Anaerobic Aquatic Metabolism
3. Leaching (Adsorption/Desorption)

4. Field Dissipation-water

5. Aquatic Nontarget Accumulation

If there is indirect discharge and wastewater treatment a hydrolysis study is required. This requirement has been met for this chemical.

If a discharge to a wastewater treatment, an activated sludge study may be required on a case-by-case basis.

If no discharge occurs in the formulating process, no data are required.

*Herbert L. Manning*

Herbert L. Manning, Ph.D.  
Review Section No. 1  
Environmental Fate Branch  
Hazard Evaluation Division (TS-769)

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Page \_\_\_\_\_ is not included in this copy.

Pages 4 through 7 are not included.

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The material not included contains the following type of information:

- ☐ Identity of product inert ingredients.
  - ☐ Identity of product impurities.
  - ☐ Description of the product manufacturing process.
  - ☐ Description of quality control procedures.
  - ☐ Identity of the source of product ingredients.
  - ☐ Sales or other commercial/financial information.
  - ☒ A draft product label.
  - ☐ The product confidential statement of formula.
  - ☐ Information about a pending registration action.
  - ☐ FIFRA registration data.
  - ☐ The document is a duplicate of page(s) \_\_\_\_\_.
  - ☐ The document is not responsive to the request.
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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.

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